

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph from page 1, line 28, through page 2, line 10, with the following amended paragraph:

In accordance with a first aspect of the invention, there is disclosed a pressurisation system comprising:

a vessel having a chamber for receiving fluid therein, the fluid having a pressure,

a plunger for enclosing a portion of the chamber to form an enclosure, the enclosure having a volume, and the plunger being movably coupled to and for cooperation with the chamber to reduce the volume of the enclosure, the chamber is shaped and dimensioned for the passage of the plunger therethrough and for the reciprocation of the plunger therewithin, the plunger for reciprocating along a longitudinal axis of the chamber generally parallel to the direction of gravitational acceleration, the plunger having a weight for gravitationally applying a compression force to the fluid to thereby reduce the volume of the enclosure and increase the pressure of the fluid; and

a positioning device for comprising a hoist assembly and an electric actuator having a brake assembly for interacting with the hoist assembly ~~interacting with the plunger~~ to impede the reduction of the volume of the enclosure,

~~wherein when the fluid is enclosed within the enclosure, the plunger cooperates with the chamber to reduce the volume of the enclosure thereby increasing the pressure of the fluid.~~

Please replace the paragraph from page 2, lines 12-27, with the following amended paragraph:

In accordance with a second aspect of the invention, there is disclosed a pressurisation method comprising the steps of:

providing a vessel having a chamber;

receiving fluid into the chamber, the fluid having a pressure,

enclosing a portion of the chamber with a plunger to form an enclosure, the enclosure having a volume, and the plunger being movably coupled to and for cooperation with the chamber to reduce the volume of the enclosure, the chamber is shaped and dimensioned for the passage of the plunger therethrough and for the reciprocation of the plunger therewithin, the plunger for reciprocating along a longitudinal axis of the chamber generally parallel to the direction of gravitational acceleration, the plunger having a weight for gravitationally applying a compression force to the fluid to thereby reduce the volume of the enclosure and increase the pressure of the fluid; and

providing a positioning device comprising a hoist assembly and an electric actuator having a brake assembly for interacting with the plunger hoist assembly to impede the reduction of the volume of the enclosure,

~~wherein when the fluid is enclosed within the enclosure, the plunger cooperates with the chamber to reduce the volume of the enclosure thereby increasing the pressure of the fluid.~~

Please replace the paragraph from page 2, line 29 through page 3, line 12, with the following amended paragraph:

In accordance with a third aspect of the invention, there is disclosed, a pressurisation method for pressurising fluids comprising the steps of:

receiving fluid from a water source into a chamber of a vessel, the chamber having a longitudinal axis and being formed within the vessel, the water source having a water level and the fluid having a pressure;

enclosing a portion of the chamber with a plunger to form an enclosure having a volume, the plunger having a weight, the fluid received in the chamber being contained in the enclosure, and the plunger being movable along the longitudinal axis of the chamber to one of reduce or increase the volume of the enclosure;

gravitationally applying a force to the fluid by the plunger along the longitudinal axis of the chamber to reduce the volume of the enclosure and thereby increasing the pressure of the fluid, the pressure of the fluid being controlled by a positioning device being coupled to the plunger for positioning the plunger along the longitudinal axis thereby controlling the amount of force applied to the fluid, the positioning device comprising a hoist assembly and an electric actuator having a brake assembly for interacting with the hoist assembly to impede the reduction of the volume of the enclosure; and

providing the pressurised fluid to a desalination system.